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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
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10/687,363

10/15/2003

Glenn Adler

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EXAMINER

ALI, OMAR R

ART UNIT

PAPER NUMBER

2109

SHORTENED STATUTORY PERIOD OF RESPONSE	MAIL DATE	DELIVERY MODE
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3 MONTHS

03/22/2007

PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

If NO period for reply is specified above, the maximum statutory period will apply and will expire 6 MONTHS from the mailing date of this communication.

Office Action Summary	Application No. 10/687,363	Applicant(s) ADLER, GLENN	
	Examiner Omar Abdul-Ali	Art Unit 2109	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 15 October 2003.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-19 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-19 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 15 October 2003 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All b) ☐ Some * c) ☐ None of:
1. ☒ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|---|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 5) <input type="checkbox"/> Notice of Informal Patent Application |
| 3) <input checked="" type="checkbox"/> Information Disclosure Statement(s) (PTO/SB/08)
Paper No(s)/Mail Date <u>10/03, 12/03</u> . | 6) <input type="checkbox"/> Other: _____ |

DETAILED ACTION

This action is in response to the original filing of October 15, 2003. Claims 1-19 are pending and have been considered below.

Claim Rejections - 35 USC § 102

1. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless --

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

2. Claims 1, 2, 4-6, 8-13, 15, 16, and 19 are rejected under 35 U.S.C. 102(e) as being anticipated by Shiota et al. (US 6,337,712).

Claim 1: Shiota discloses a system for storing and utilizing picture image data recorded by a digital camera, comprising:

a. storage medium reader that reads a digital image stored on a storage medium (column 2, lines 33-40);

b. controller that processes and transfers the read digital image for display on a display screen of the stand alone monitor (column 2, lines 10-28);

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c. user interface operable to enable issuing a command to the controller to control the reading and display of the digital image on the display screen (column 2, lines 10-28);

Claim 2: Shiota discloses a system for storing and utilizing picture image data recorded by a digital camera as in Claim 1 above, further comprising:

a. digital image is read by the storage medium reader and transferred to an image buffer of the stand alone monitor for storage and for display on the display screen (column 2, lines 33-40).

Claim 4: Shiota discloses a system for storing and utilizing picture image data recorded by a digital camera as in Claim 1 above, further comprising:

a. the controller processes the read digital image into a format that is compatible with the signal input of the display (column 2, lines 33-40).

Claim 5: Shiota discloses a system for storing and utilizing picture image data recorded by a digital camera as in Claim 1 above, further comprising:

a. the user interface enables the user to manipulate at least the image displayed or the data stored on the storage medium (column 3, lines 42-48).

Claim 6: Shiota discloses a system for storing and utilizing picture image data recorded by a digital camera as in Claim 1 above, further comprising:

a. the user interface enables the user to perform at least one of the following manipulations of the image: deleting or protecting the data stored on the storage medium, or sequencing the display of multiple images, or resizing the image, or rotating the image, or mirroring the image, or displaying textual information about the image, or displaying a thumbnail view of the image (column 2, lines 33-63).

Claim 8: Shiota discloses a system for storing and utilizing picture image data recorded by a digital camera as in Claim 1 above, further comprising:

a. the display screen for displaying the digital image is selected from the group consisting of a cathode-ray tube display (CRT), a digital CRT, a liquid crystal display (LCD), a TV, a projection device, and an electroluminescent display (ELD) (column 6, lines 38-47).

Claim 9: Shiota discloses a system for storing and utilizing picture image data recorded by a digital camera as in Claim 1 above, further comprising:

a. the storage medium is selected from the group consisting of smart media, compact flash memory, mini-disc, zip disc, memory stick, PCMCIA (Personal Computer Memory Card International Association) card, compact disc (CD), recordable CD (CD-R), rewritable CD (CD-RW), digital versatile disk (DVD) and HDD (Column 5, lines 10-18).

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Claim 10: Shiota discloses a system for storing and utilizing picture image data recorded by a digital camera as in Claim 1 above, further comprising:

a. the storage medium reader is capable of reading two or more different storage media types (column 5, lines 10-18).

Claim 11: Shiota discloses a system for storing and utilizing picture image data recorded by a digital camera, comprising:

a. wireless communications port that wirelessly communicates with a wireless image source via a common method and protocol to receive a digital image transmitted by the wireless image source to the interface (column 3, lines 4-9/column 5, lines 19-29);

b. a controller that processes and transfers the received digital image for display on a display screen of the stand alone monitor (column 2, lines 10-28).

Claim 12: Shiota discloses a system for storing and utilizing picture image data recorded by a digital camera as in Claim 11 above, further comprising:

a. a user interface enabling a user to issue a command to the controller to control the receipt and display of the digital image on the display screen (column 2, lines 10-28).

Claim 13: Shiota discloses a system for storing and utilizing picture image data recorded by a digital camera as in Claim 11 above, further comprising:

a. the wireless communication port communicates with the wireless image source using an infrared IR signal as the common method and protocol (column 3, lines 4-9).

Claim 15: Shiota discloses a system for storing and utilizing picture image data recorded by a digital camera as in Claim 11 above, further comprising:

a. the wireless image source is selected from the group consisting of a digital camera, a scanner, a laptop computer, and a camcorder (column 5, lines 19-29).

Claim 16: Shiota discloses a system for storing and utilizing picture image data recorded by a digital camera as in Claim 11 above, further comprising:

a. a remote control device for wirelessly communicating with the wireless communication port to issue a command to the controller for control of receipt and display of the digital image on the display screen (column 3, lines 4-15).

Claim 19: Shiota discloses a system for storing and utilizing picture image data recorded by a digital camera as in Claim 1 above, further comprising:

a. storage medium reader that reads a digital image stored on a storage medium (column 2, lines 33-40);

b. wireless communications port that wirelessly communicates with a remote control device via a common method and protocol to receive a command transmitted by the remote control device to the interface (column 3, lines 4-9/column 6, lines 39-47).

- c. receiver operable to receive the command from the wireless communications port (column 3, lines 4-9);
- d. decoder that decodes the command supplied by the receiver (column 3, lines 4-9);
- e. controller that processes and executes the decoded command, and processes and transfers the read digital image for display on a display screen of the stand-alone monitor (column 3, lines 4-28).

Claim Rejections - 35 USC § 103

3. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

4. Claims 7, 14, 17, and 18 are rejected under 35 U.S.C. 103(a) as being unpatentable over Shiota et al. (US 6,337,712).

Claim 7: Shiota discloses a system for storing and utilizing picture image data recorded by a digital camera as in Claim 6 above, but does not explicitly disclose the at least one manipulation is performed via on-screen menu selection through the interface.

However, Shiota does disclose the ability to browse images, search for images, order images for print, and output the images in a floppy disc or the like (column 3, lines 10-15). Therefore, it would have been obvious to one having ordinary skill in the art at the

time the invention was made that an on-screen menu would be used to select these different options. One would have been motivated to perform manipulations via an on-screen menu in order to easily navigate through the picture database options.

Claim 14: Shiota discloses a system for storing and utilizing picture image data recorded by a digital camera as in Claim 11 above, but does not explicitly disclose the wireless communication port communicates with the wireless image source using a radio frequency (RF) signal as the common method and protocol. However, Shiota does disclose that an infrared receiver and the like may alternately be installed as input devices (column 5, lines 19-26). Additionally, the Examiner considers it immaterial as to which wireless protocol is used and it would have been obvious to one having ordinary skill in the art at the time the invention was made that a RF signal could be used as the common method and protocol. One would have been motivated to use RF signals as the common wireless method and protocol to be able to connect with devices that output RF signals.

Claim 17: Shiota discloses a system for storing and utilizing picture image data recorded by a digital camera as in Claim 11 above, but does not explicitly disclose the interface is located in an enclosure separate from the stand-alone monitor and communicates with the stand alone monitor to display and manipulate an image via a cable. However, Shiota does disclose a cable is used to connect the card reader to the image server and the communications channel means includes using wireless methods

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of data transfer (column 3, lines 3-15/Figure 2). Additionally, the Examiner considers it immaterial as to whether the wireless interface is located in an enclosure separate from the stand-alone monitor or if the interface is located within the monitor, and it would have been obvious to one having ordinary skill in the art at the time the invention was made that the wireless interface could be enclosed separately. One would have been motivated to enclose the wireless interface separately from the monitor so the position of the interface can be adjusted without moving the monitor.

Claim 18: Shiota discloses a system for storing and utilizing picture image data recorded by a digital camera as in Claim 17 above, but does not explicitly disclose the interface also communicates with a PC via a second cable, said interface being operative to forward a video signal from the PC to the monitor in a PC mode and to forward the video signal from the interface to the monitor in an interface mode. However, Official Notice is taken that it is old and well known in the computer arts that the input of a monitor may be switched between devices. For instance, when using a VCR with a television, the input may be switched between the VCR operation, and the cable signal alternately forwarded through the VCR. Therefore, it would have been obvious to one having ordinary skill in the art at the time the invention was made that the video signal could be forwarded from the interface to the monitor. One would have been motivated to forward the video signal through the interface in different modes in order to reduce the number of ports used by the interface.

5. Claim 3 is rejected under 35 U.S.C. 103(a) as being unpatentable over Shiota et al. (US 6,337,712) further in view of Beetseson et al. (US 5,877,745).

Claim 3: Shiota discloses a system for storing and utilizing picture image data recorded by a digital camera as in Claim 2 above, but does not explicitly disclose the controller or the image buffer is also used to perform a task, unrelated to the interface, within the stand-alone monitor. Beetseson discloses similar data processing system having a wireless communication link for data communication with a peripheral device that further discloses a controller performing different tasks in the display device (column 5, lines 1-30). Therefore, it would have been obvious to one having ordinary skill in the art at the time the invention was made that the controller in Shiota could be used to perform tasks unrelated to the interface. One would have been motivated to enable the controller to perform tasks unrelated to the interface in order to reduce the number of chips used in the assembly of the system.

Conclusion

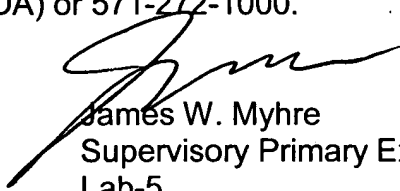
Any inquiry concerning this communication or earlier communications from the examiner should be directed to Omar Abdul-Ali whose telephone number is 571-270-1694. The examiner can normally be reached on Mon-Fri(Alternate Fridays Off) 7:30 - 5:00 EST.

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If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, James Myhre can be reached on 571-270-1065. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

OAA
03/12/07



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